

SEP 21 2005

FAX COVER SHEET

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Attention: GROUP ART UNIT 2634

Fax: (571) 273-8300

Examiner: Linda Wong

Supervising Examiner: Stephen Chin

UNITED STATES PATENT AND TRADEMARK OFFICE

Phone: (571) 272-6044

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Pages: Cover +1 + 6 = 8

Date: September 21, 2005

From: Georgann S. Grunebach, Reg. No. 33,179
Assistant General Counsel DIRECTVFax: (310) 964-0941
Phone: (310) 964-4615

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Date: September 21, 2005

Georgann S. Grunebach, Reg. No. 33,179

Please find attached re:

Attorney Docket No. PD-89418A

Inventor: Donald C.D. Chang, et al.

Serial No.: 09/973,270

Filed: October 5, 2001

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

- > Amendment Transmittal
- > Response to PTO Communication of June 28, 2005

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.
The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, El Segundo, CA 90245-0956

SEP 21 2005

CUSTOMER NO.: 020991

PATENT

Docket No. PD-89418A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang, et al. : Date: September 21, 2005
 Serial No.: 09/973,270 :
 Filed: October 5, 2001 : Group Art Unit: 2634
 For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER : Examiner: Linda Wong

AMENDMENT TRANSMITTAL LETTER

Mail Stop Amendment
 COMMISSIONER FOR PATENTS
 P. O. BOX 1450
 ALEXANDRIA, VA 22313-1450

Sir:

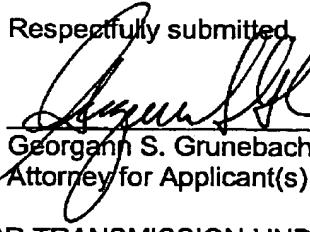
Transmitted herewith is an amendment in the above-identified application.

- Applicant believes that no extension of time is required to respond to the Office Action dated June 28, 2005. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
- No additional fee for claims is required.
- The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED						
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	15	minus	20*	=	0	x \$ 50.00 \$ -0-
INDEPENDENT CLAIMS	4	minus	4*	=	0	x \$ 200.00 \$ -0-
MULTIPLE DEPENDENT CLAIMS					x \$ 360.00	\$ -0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:						\$ -0-

Charge \$-0- to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formally Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

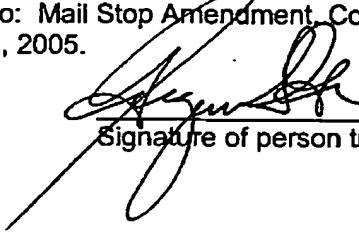
Respectfully submitted,



Georgann S. Grunebach, Registration No.: 33,179
 Attorney for Applicant(s)

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

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Georgann S. Grunebach, Reg. No. 33,179Typed or printed name of person
 Transmitting correspondence
 Signature of person transmitting correspondence

The DIRECTV Group, Inc.
 RE/R11/A109
 PO Box 956
 El Segundo, CA 90245-0956
 Telephone: (310) 984-4615

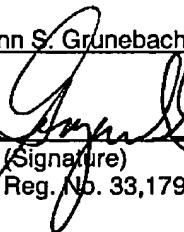
* If less than 20, insert 20
 ** If less than 3, insert 3

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(date of facsimile transmission)

Georgann S. Grunebach (Name of Applicant, Assignee or Registered Representative)


(Signature)

Reg. No. 33,179

September 21, 2005

(Date of Signature)

Customer No. 020991

Patent
Docket No. PD-89418A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Donald C. D. Chang, et al

Serial No. 09/973,270

Group Art Unit: 2634

Filed: 10/05/2001

Examiner: Wong, Linda

For: SAMPLING TECHNIQUE FOR DIGITAL BEAM FORMER

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 28, 2005, please enter the following amendments and remarks.